

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020521\
 Data File : VW018040.D
 Acq On : 05 Feb 2021 17:59
 Operator : SY/VA
 Sample : M1330-10
 Misc : 5.55G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG540

Quant Time: Feb 06 01:09:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 01:06:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

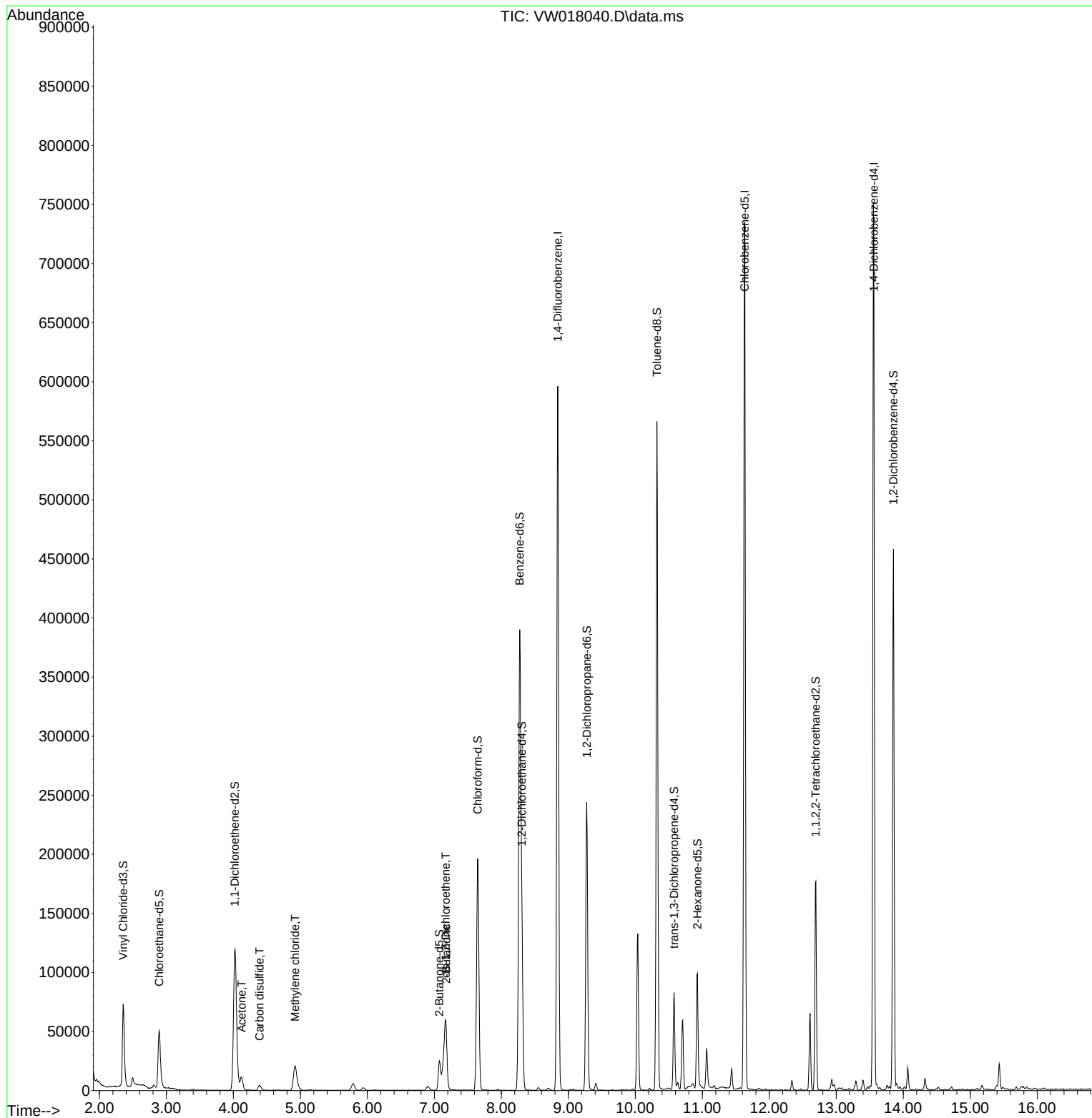
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	514746	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	439412	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	211363	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	86619	13.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.16%
7) Chloroethane-d5	2.891	69	71090	14.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.00%
10) 1,1-Dichloroethene-d2	4.019	63	133102	10.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.64%#
20) 2-Butanone-d5	7.074	46	42269	24.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.52%
24) Chloroform-d	7.647	84	203921	15.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	60.40%
26) 1,2-Dichloroethane-d4	8.305	65	104427	14.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	58.04%#
29) Benzene-d6	8.275	84	409839	16.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.96%
33) 1,2-Dichloropropane-d6	9.274	67	113741	16.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	67.44%#
37) Toluene-d8	10.323	98	372876	16.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.96%
38) trans-1,3-Dichloroprop...	10.579	79	45955	15.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.08%
39) 2-Hexanone-d5	10.927	63	35002	27.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.26%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	86005	14.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.04%
61) 1,2-Dichlorobenzene-d4	13.853	152	125041	16.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.32%#
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	18784	14.87	ug/L	97
14) Carbon disulfide	4.391	76	6004	0.30	ug/L	97
16) Methylene chloride	4.922	84	20619	2.50	ug/L	89
21) 2-Butanone	7.177	43	6953	3.62	ug/L	95
22) cis-1,2-Dichloroethene	7.171	96	33486	4.39	ug/L	94

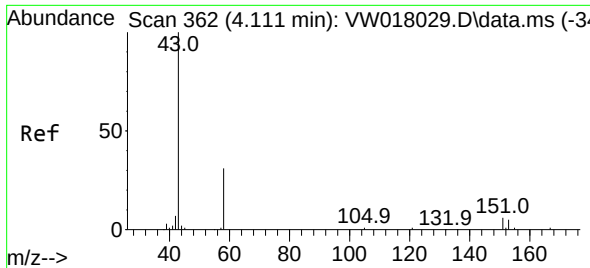
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Feb 06 01:06:17 2021
Response via : Initial Calibration

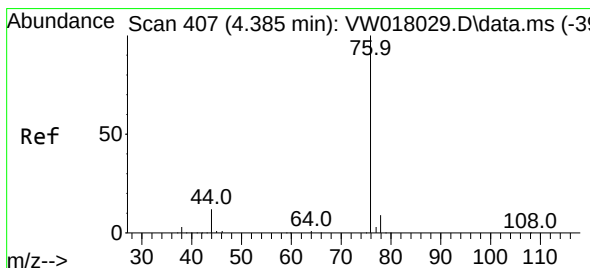
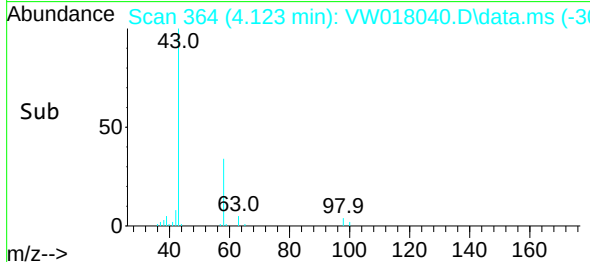
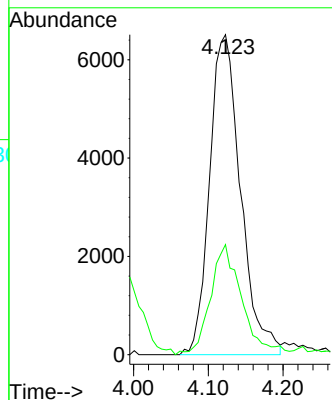
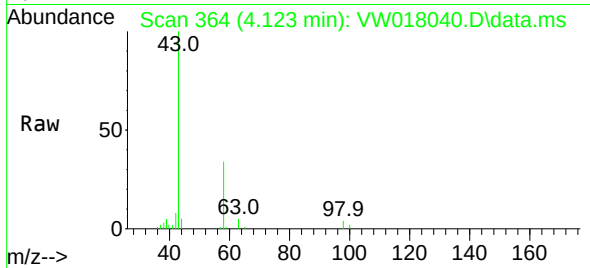




#13
Acetone
Concen: 14.87 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.012 min
Lab File: VW018040.D
Acq: 05 Feb 2021 17:59

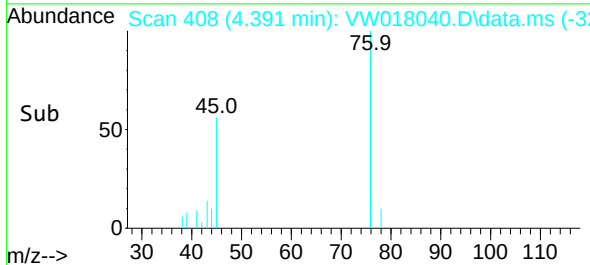
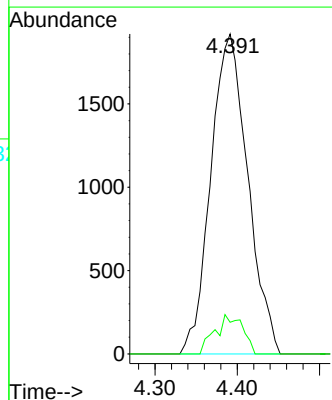
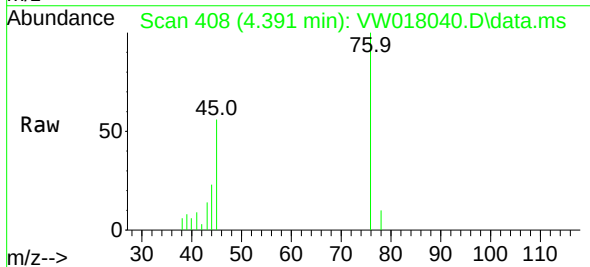
Instrument :
MSVOA_W
ClientSampled :
BG540

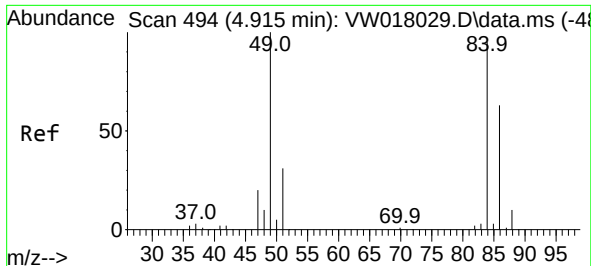
Tgt Ion: 43 Resp: 18784
Ion Ratio Lower Upper
43 100
58 32.2 0.0 68.4



#14
Carbon disulfide
Concen: 0.30 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018040.D
Acq: 05 Feb 2021 17:59

Tgt Ion: 76 Resp: 6004
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4

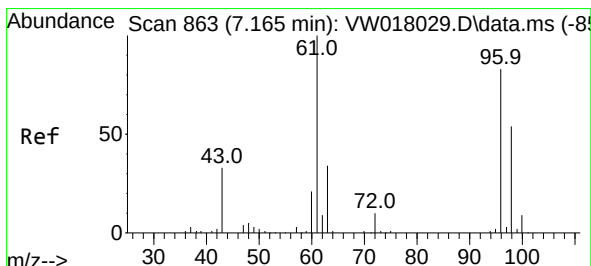
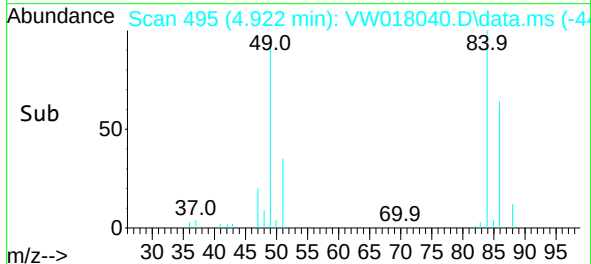
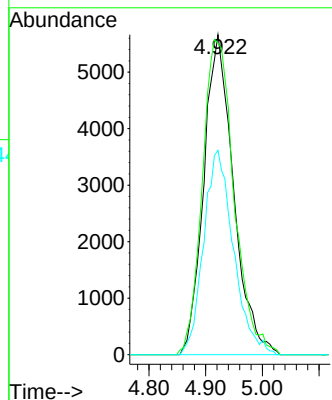
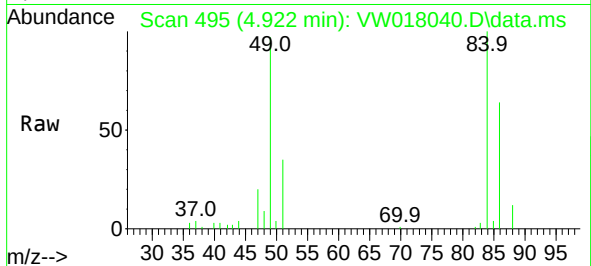




#16
Methylene chloride
Concen: 2.50 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018040.D
Acq: 05 Feb 2021 17:59

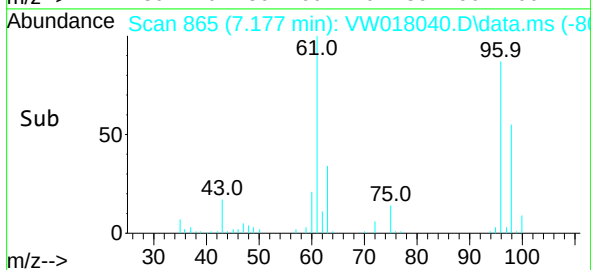
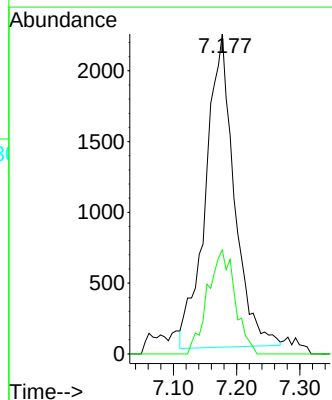
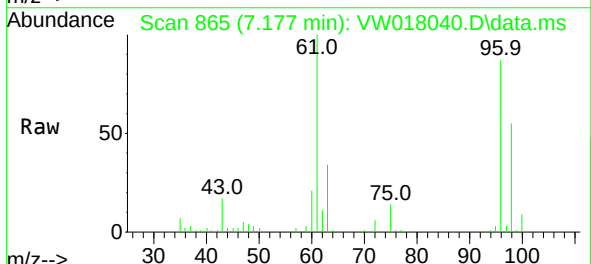
Instrument :
MSVOA_W
ClientSampled :
BG540

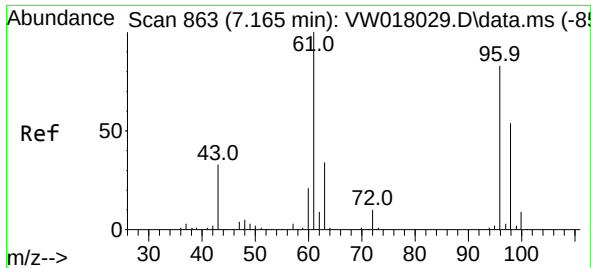
Tgt Ion:	84	Resp:	20619
Ion	Ratio	Lower	Upper
84	100		
49	97.3	81.2	150.8
86	63.9	44.5	82.7



#21
2-Butanone
Concen: 3.62 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018040.D
Acq: 05 Feb 2021 17:59

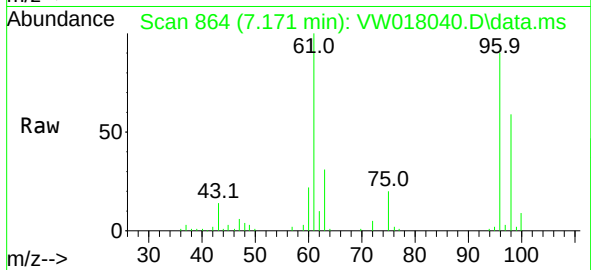
Tgt Ion:	43	Resp:	6953
Ion	Ratio	Lower	Upper
43	100		
72	31.6	14.4	43.2





#22
 cis-1,2-Dichloroethene
 Concen: 4.39 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW018040.D
 Acq: 05 Feb 2021 17:59

Instrument :
 MSVOA_W
 ClientSampleId :
 BG540



Tgt Ion: 96 Resp: 33486

Ion	Ratio	Lower	Upper
96	100		
61	111.3	84.6	157.2
98	65.3	44.7	82.9

